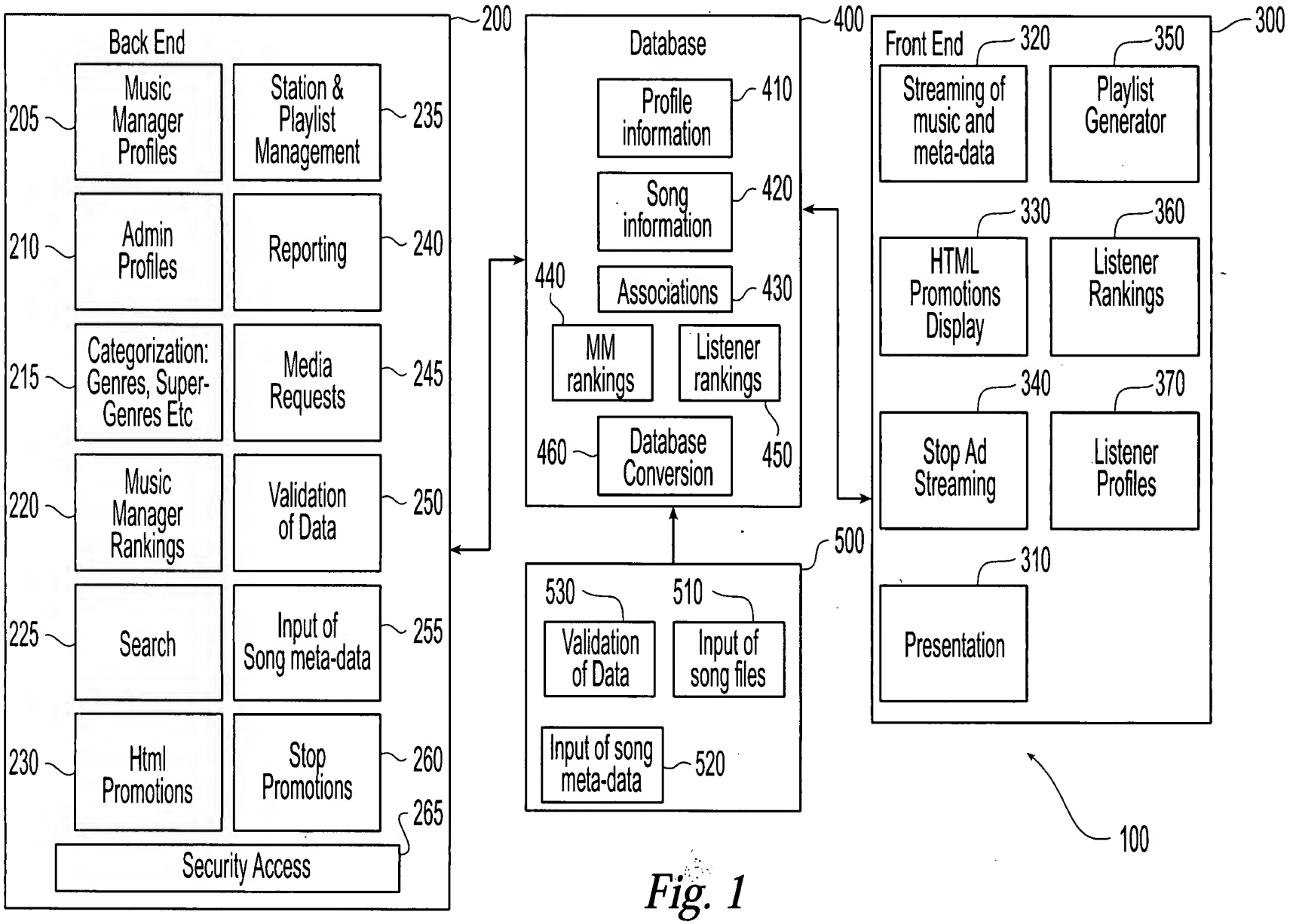

Fig. 1

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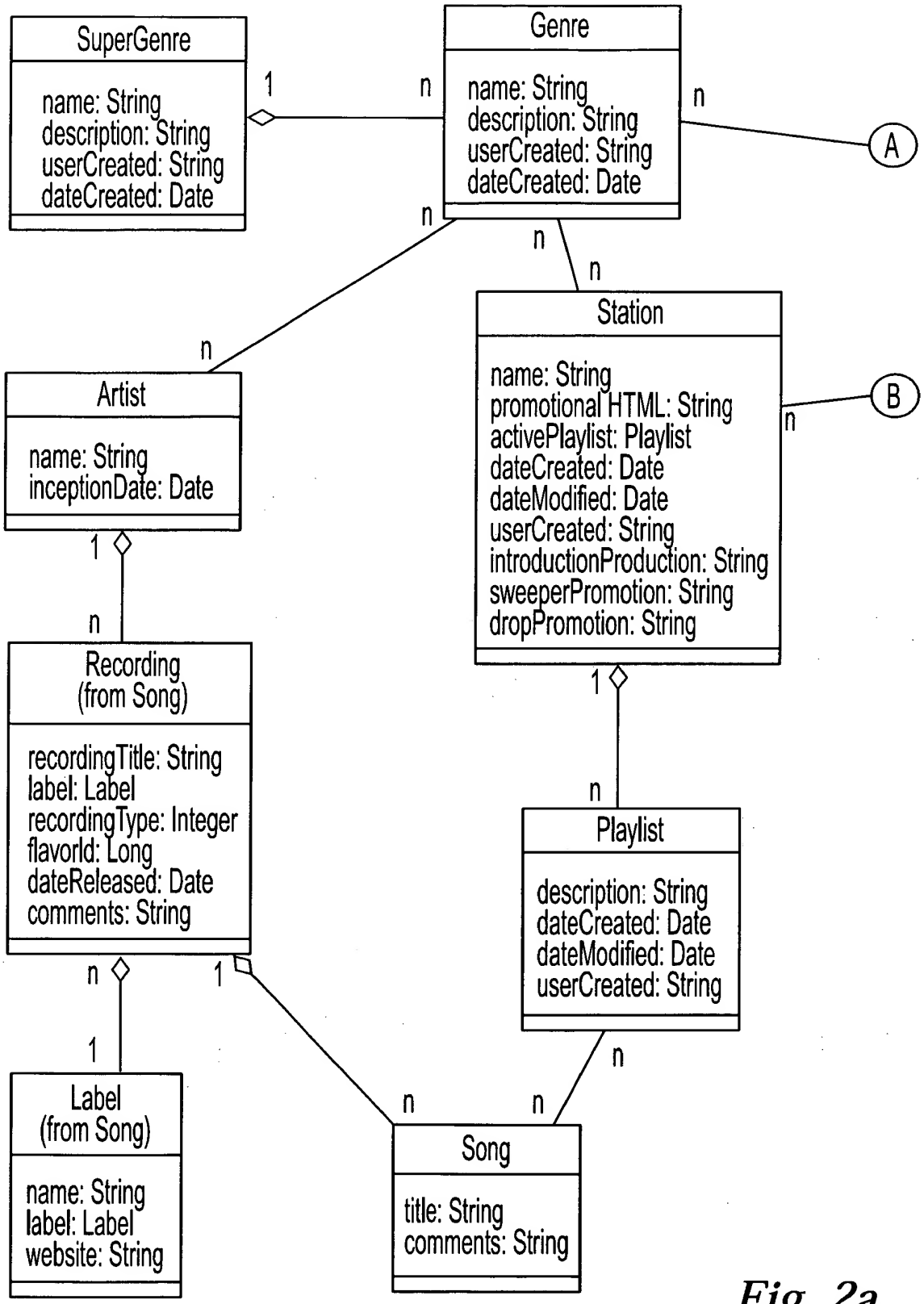
SuperGenre
name: String
description: String
userCreated: String
dateCreated: Date
Genre
name: String
description: String
userCreated: String
dateCreated: Date
A
Station
name: String
promotional HTML: String
activePlaylist: Playlist
dateCreated: Date
dateModified: Date
userCreated: String
introductionProduction: String
sweeperPromotion: String
dropPromotion: String
B
Artist
name: String
inceptionDate: Date
Recording
(from Song)
recordingTitle: String
label: Label
recordingType: Integer
flavorId: Long
dateReleased: Date
comments: String
Playlist
description: String
dateCreated: Date
dateModified: Date
userCreated: String
Label
(from Song)
name: String
label: Label
website: String
Song
title: String
comments: String
1
n

Fig. 2a

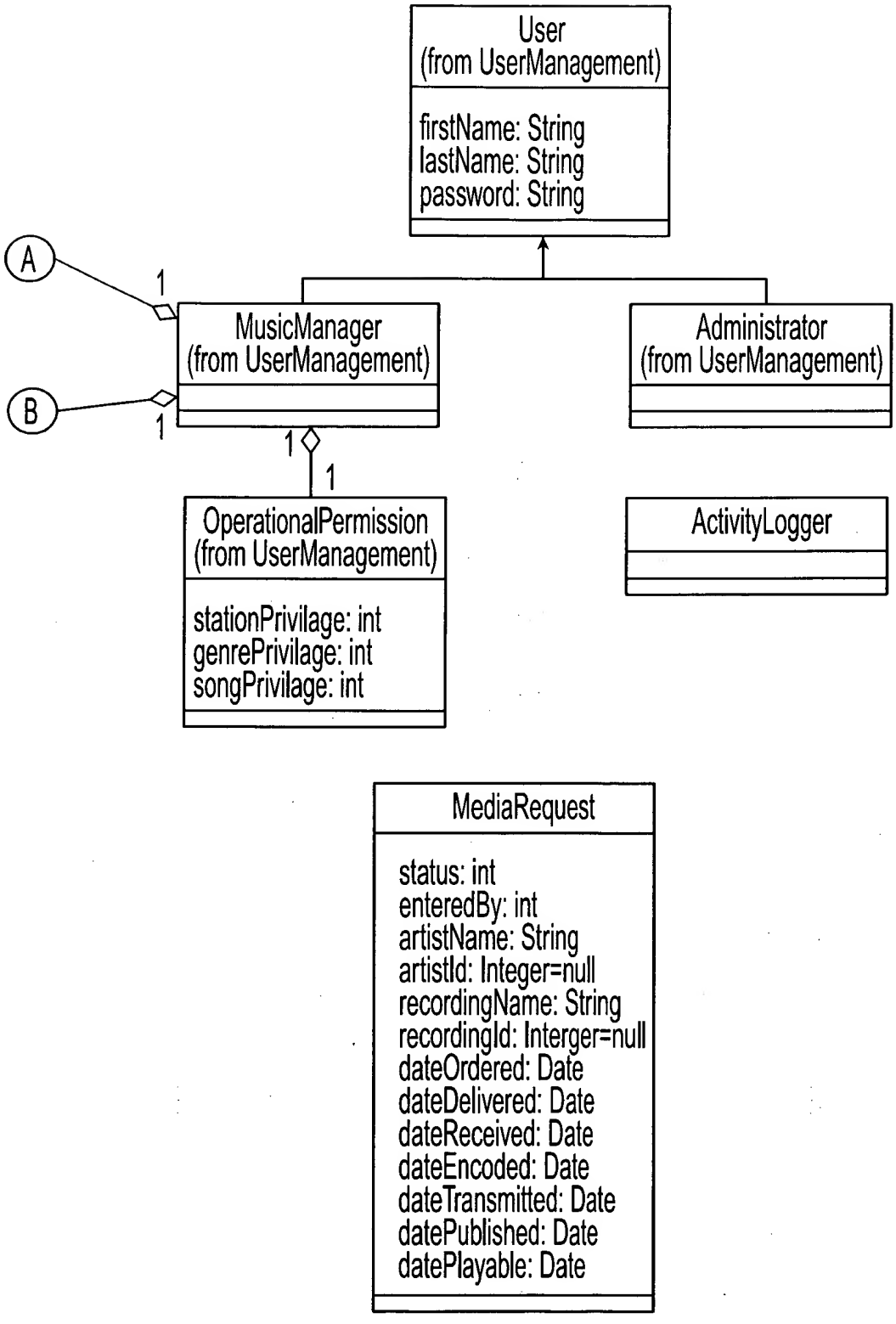

Fig. 2b

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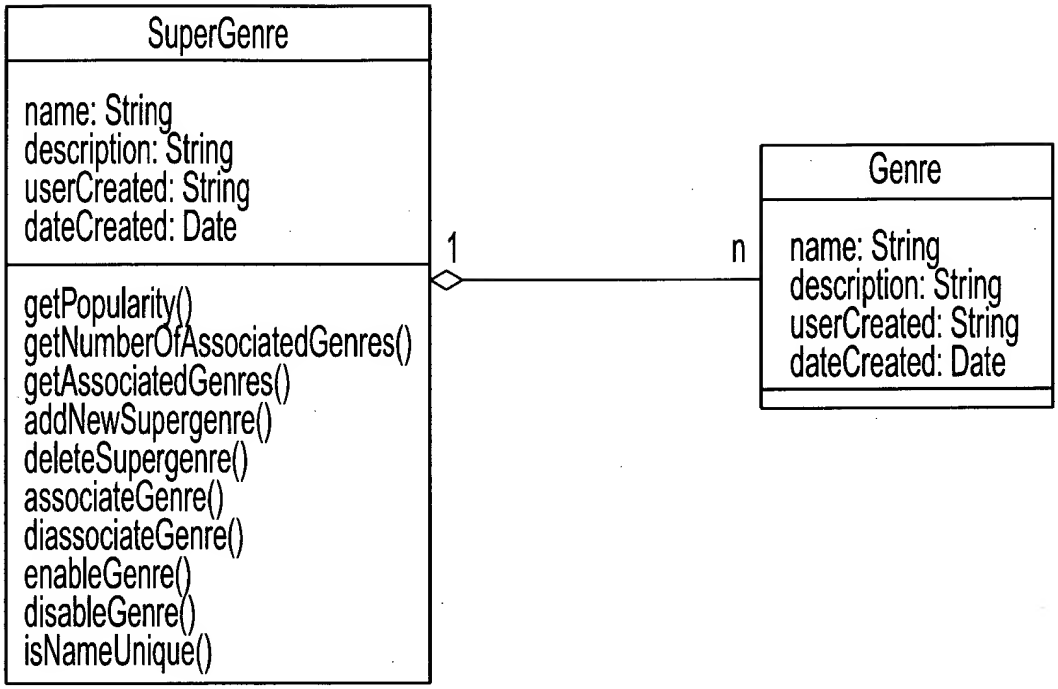
SuperGenre
name: String
description: String
userCreated: String
dateCreated: Date
getPopularity()
getNumberOfAssociatedGenres()
getAssociatedGenres()
addNewSupergenre()
deleteSupergenre()
associateGenre()
diassociateGenre()
enableGenre()
disableGenre()
isNameUnique()
1
n
Genre
name: String
description: String
userCreated: String
dateCreated: Date

Fig. 3

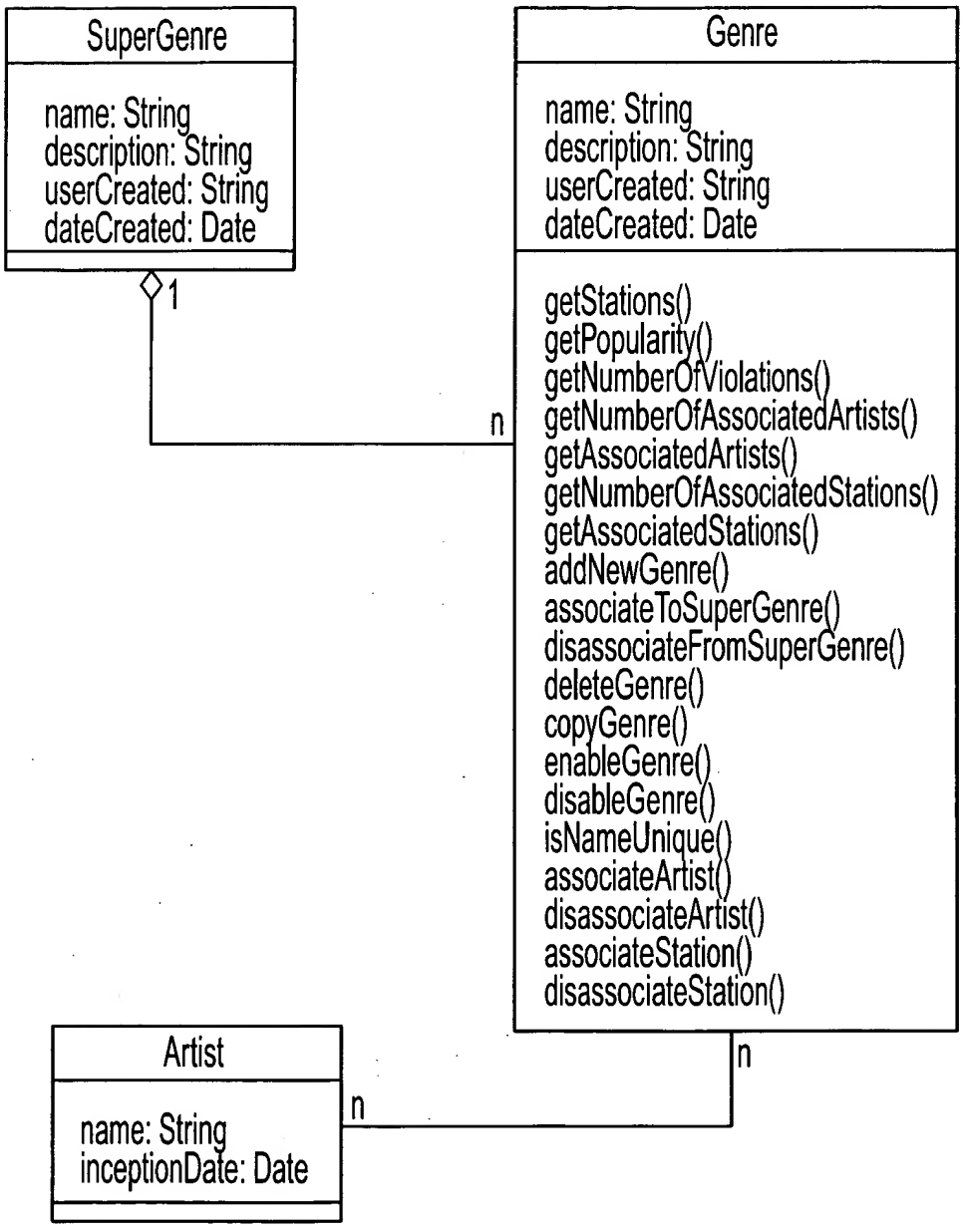
SuperGenre
name: String
description: String
userCreated: String
dateCreated: Date
1
n
Genre
name: String
description: String
userCreated: String
dateCreated: Date
getStations()
getPopularity()
getNumberOfViolations()
getNumberOfAssociatedArtists()
getAssociatedArtists()
getNumberOfAssociatedStations()
getAssociatedStations()
addNewGenre()
associateToSuperGenre()
disassociateFromSuperGenre()
deleteGenre()
copyGenre()
enableGenre()
disableGenre()
isNameUnique()
associateArtist()
disassociateArtist()
associateStation()
disassociateStation()
n
Artist
name: String
inceptionDate: Date
n

Fig. 4

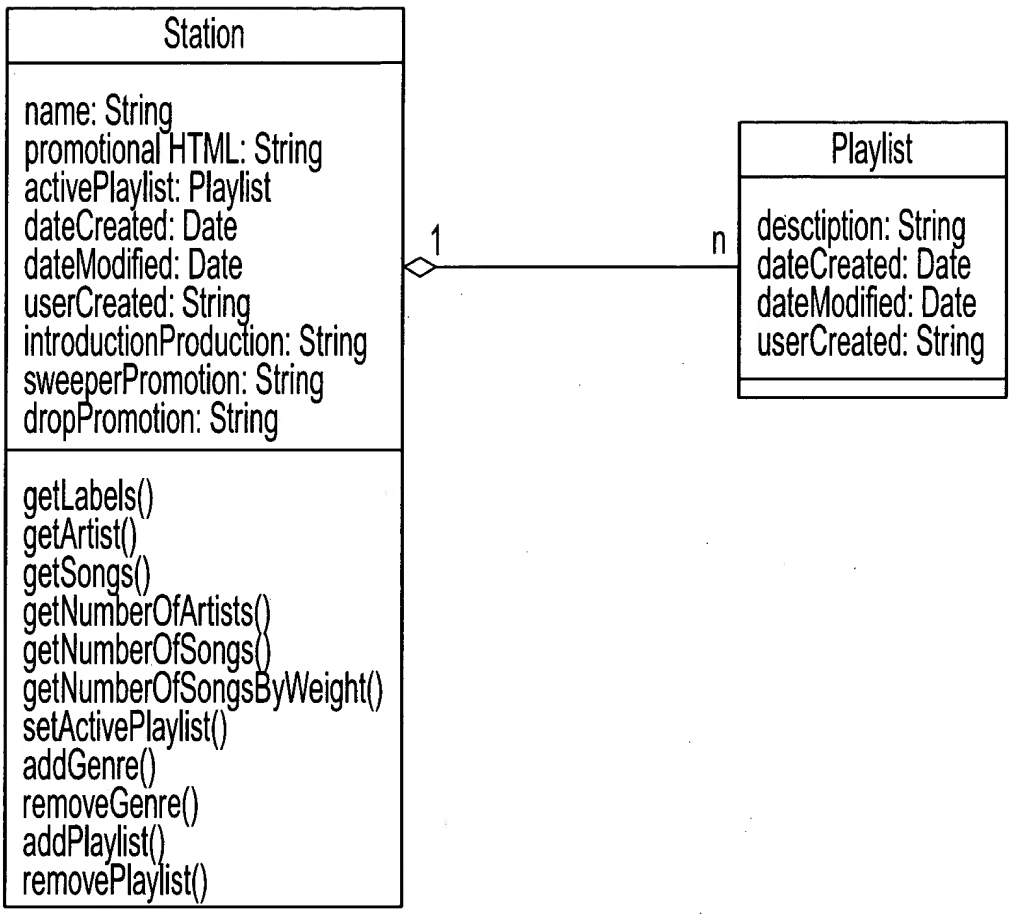
Station
name: String
promotional HTML: String
activePlaylist: Playlist
dateCreated: Date
dateModified: Date
userCreated: String
introductionProduction: String
sweeperPromotion: String
dropPromotion: String
getLabels()
getArtist()
getSongs()
getNumberOfArtists()
getNumberOfSongs()
getNumberOfSongsByWeight()
setActivePlaylist()
addGenre()
removeGenre()
addPlaylist()
removePlaylist()
1
n
Playlist
desctiption: String
dateCreated: Date
dateModified: Date
userCreated: String

Fig. 5

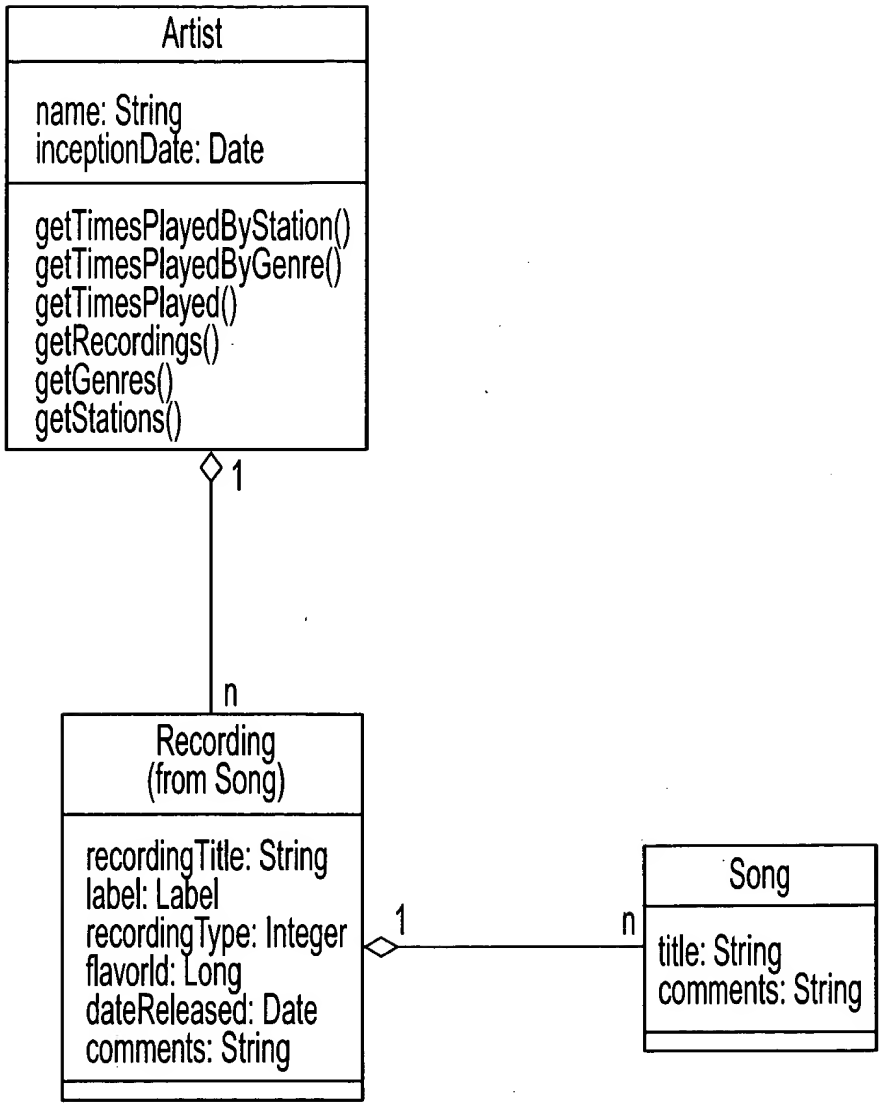
Artist
name: String
inceptionDate: Date
getTimesPlayedByStation()
getTimesPlayedByGenre()
getTimesPlayed()
getRecordings()
getGenres()
getStations()
1
n
Recording
(from Song)
recordingTitle: String
label: Label
recordingType: Integer
flavorId: Long
dateReleased: Date
comments: String
1
n
Song
title: String
comments: String

Fig. 6

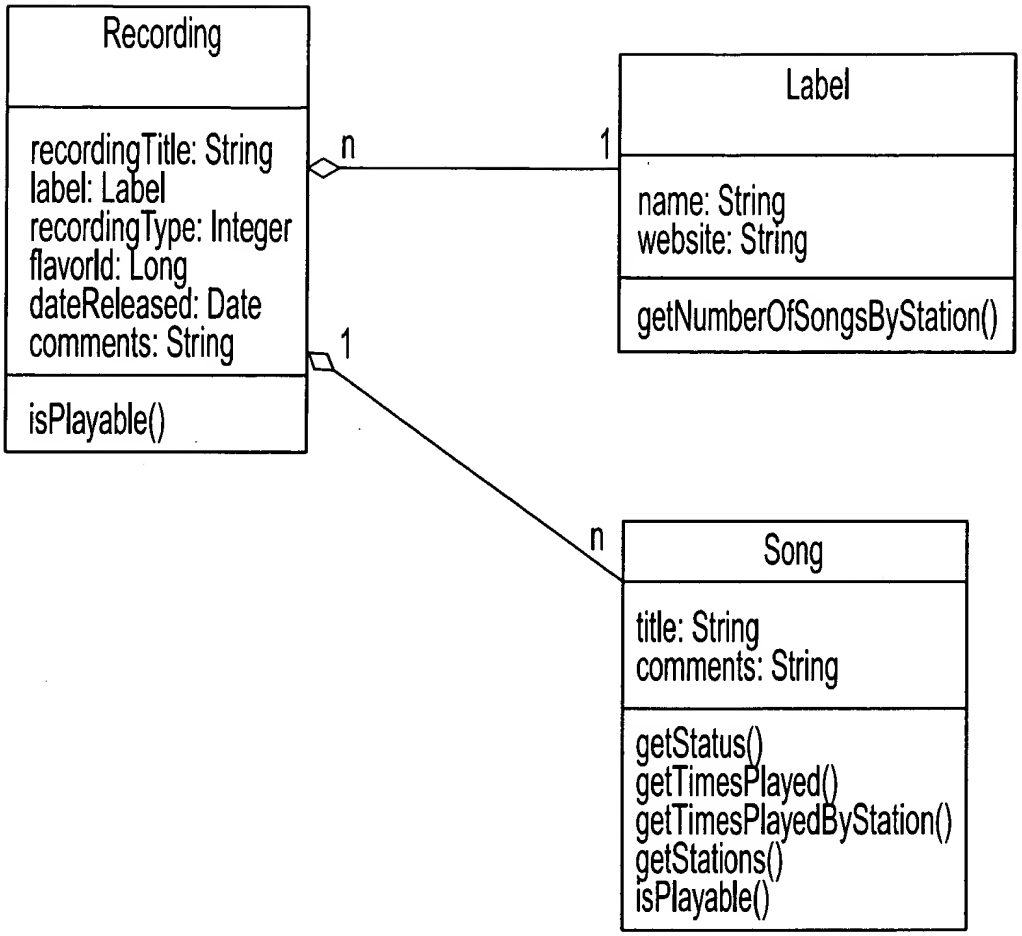

Fig. 7

Express Mail No. EV 339 045 045 US

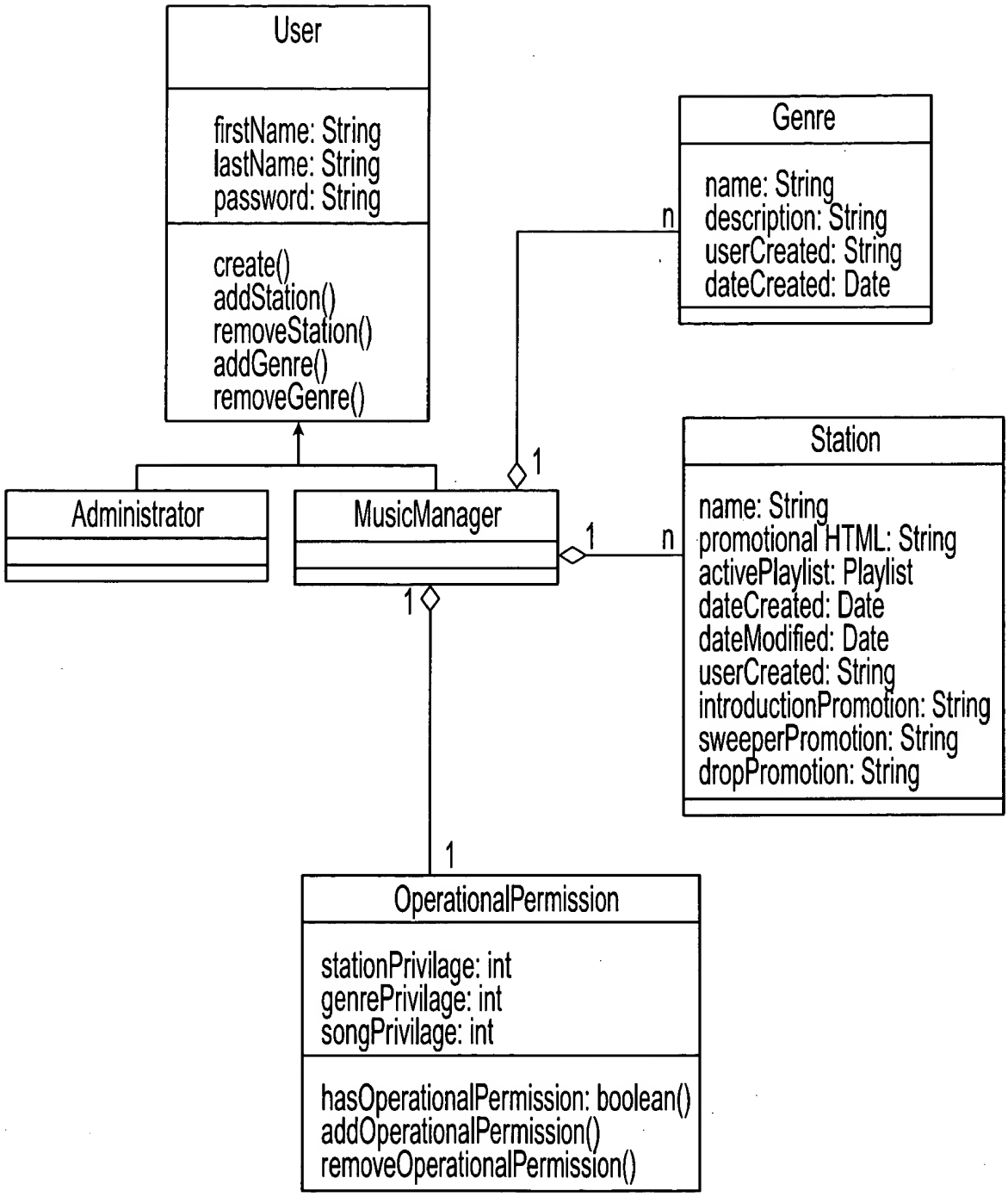
User
firstName: String
lastName: String
password: String
create()
addStation()
removeStation()
addGenre()
removeGenre()
Genre
name: String
description: String
userCreated: String
dateCreated: Date
Administrator
MusicManager
Station
name: String
promotional HTML: String
activePlaylist: Playlist
dateCreated: Date
dateModified: Date
userCreated: String
introductionPromotion: String
sweeperPromotion: String
dropPromotion: String
OperationalPermission
stationPrivilage: int
genrePrivilage: int
songPrivilage: int
hasOperationalPermission: boolean()
addOperationalPermission()
removeOperationalPermission()
1
n
1
n
1
1

Fig. 8

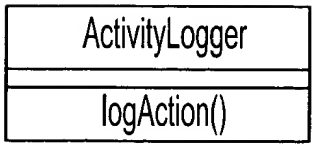

Fig. 9

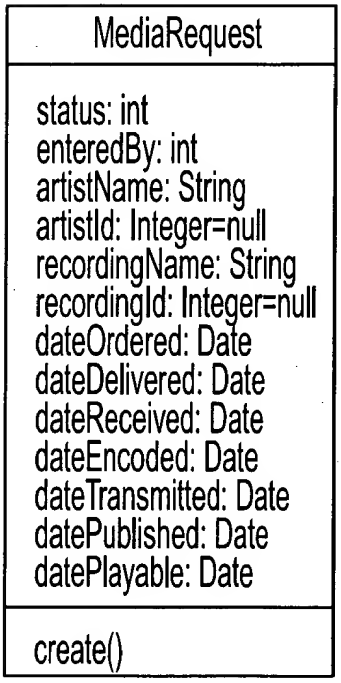

Fig. 10

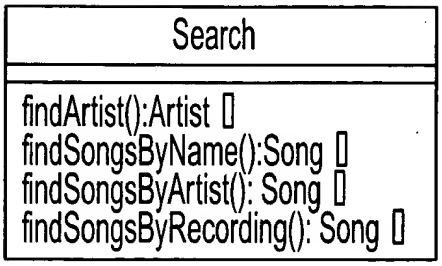

Fig. 11

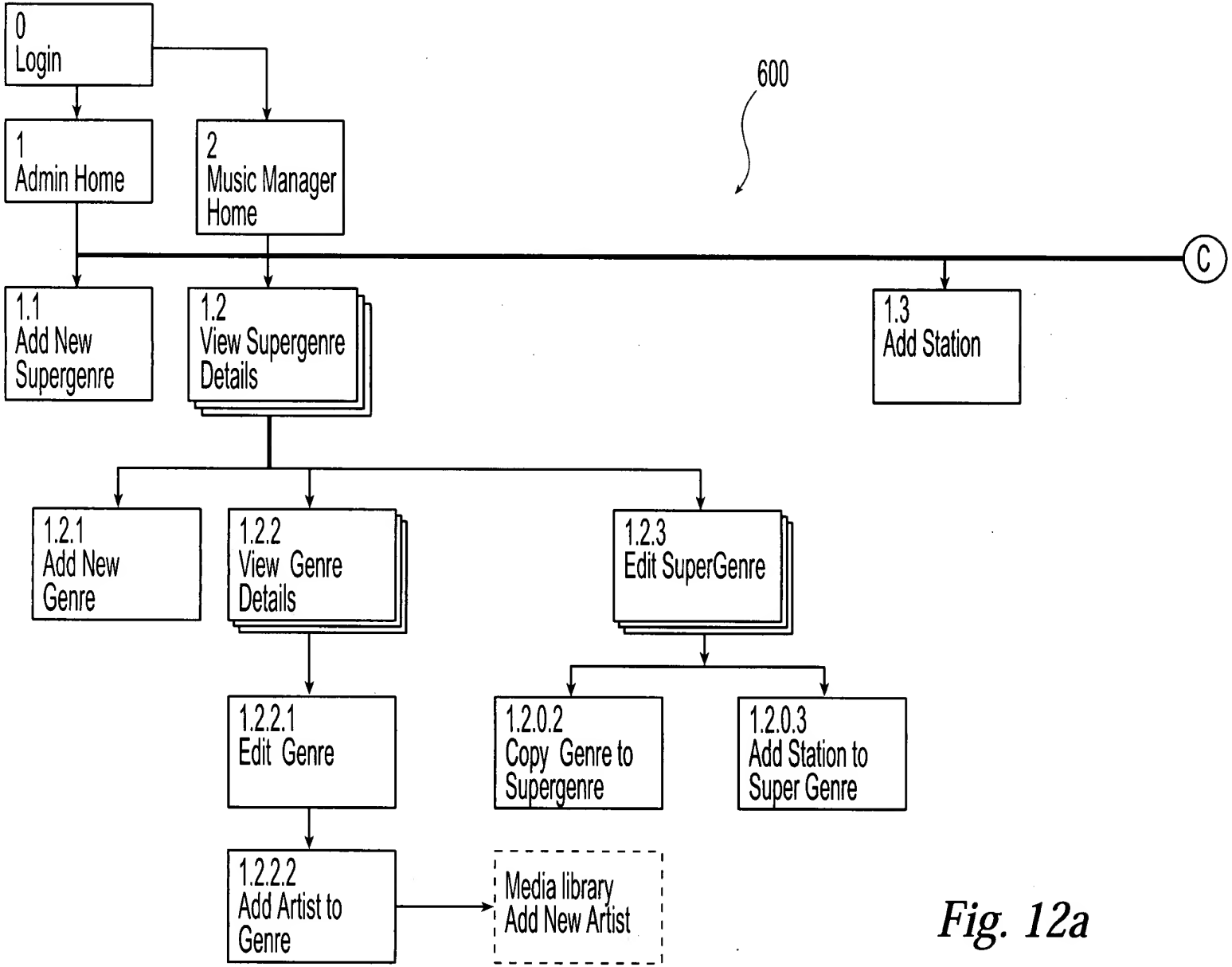
0
Login
1
Admin Home
2
Music Manager
Home
600
C
1.1
Add New
Supergenre
1.2
View Supergenre
Details
1.3
Add Station
1.2.1
Add New
Genre
1.2.2
View Genre
Details
1.2.3
Edit SuperGenre
1.2.2.1
Edit Genre
1.2.0.2
Copy Genre to
Supergenre
1.2.0.3
Add Station to
Super Genre
1.2.2.2
Add Artist to
Genre
Media library
Add New Artist

Fig. 12a

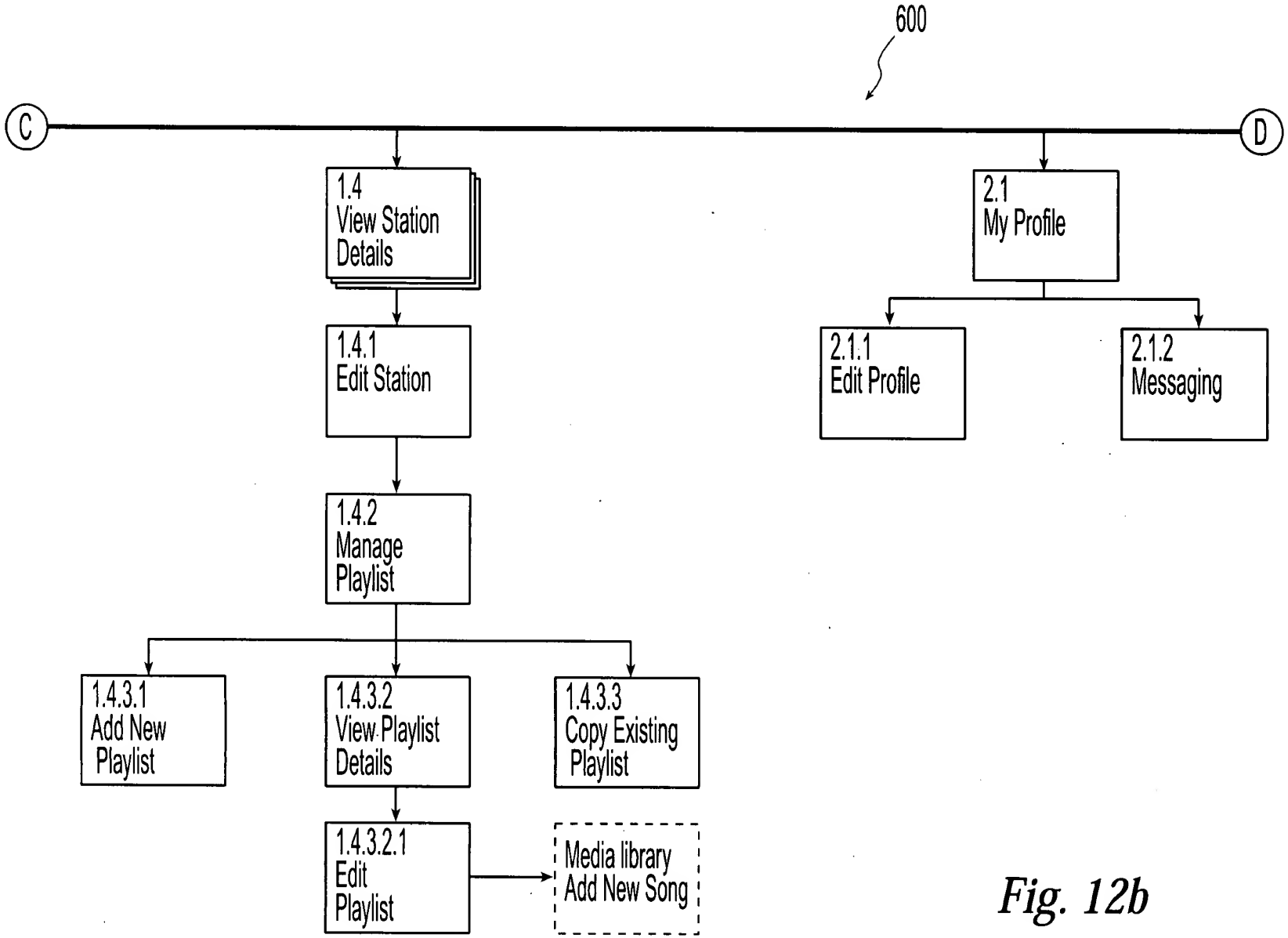
600
C
D
1.4
View Station
Details
1.4.1
Edit Station
1.4.2
Manage
Playlist
1.4.3.1
Add New
Playlist
1.4.3.2
View Playlist
Details
1.4.3.3
Copy Existing
Playlist
1.4.3.2.1
Edit
Playlist
Media library
Add New Song
2.1
My Profile
2.1.1
Edit Profile
2.1.2
Messaging

Fig. 12b

TO2HO"HOEZZ60

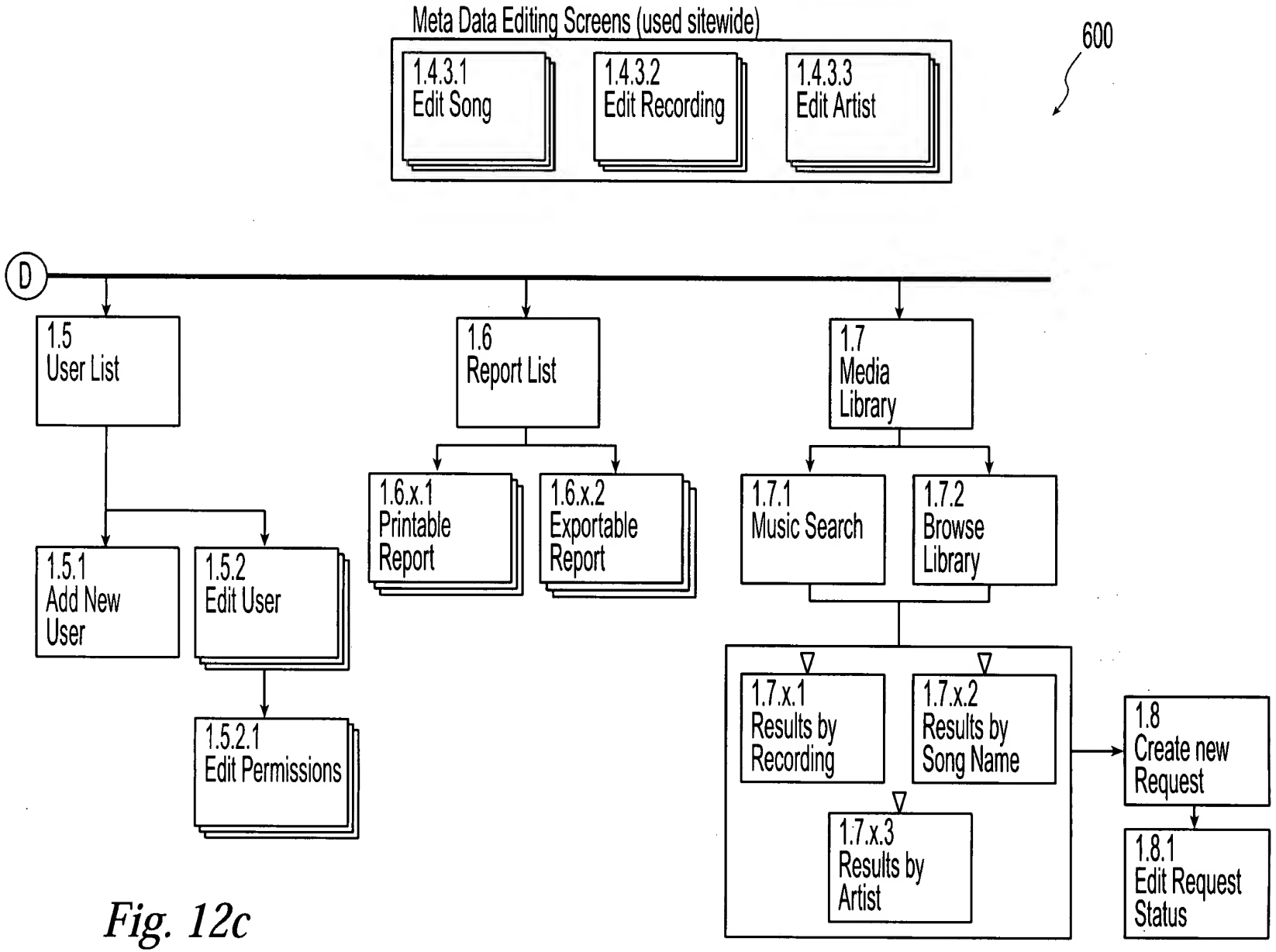

Fig. 12c